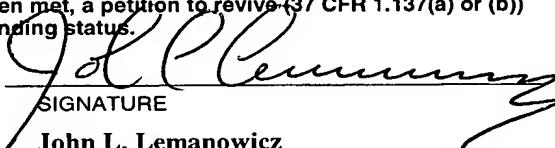


|  |                                       |   |  |
|--|---------------------------------------|---|--|
| FOP-1A(T-1)89G-(Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE<br>(REV. 12-2004)  |                                       | ATTORNEY'S DOCKET NUMBER<br>PU4969USW                               |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371   |                                       | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/530986</b> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/US2003/032625   | INTERNATIONAL FILING DATE<br>10/15/03 | PRIORITY DATE CLAIMED<br>10/16/02                                   |  |
| TITLE OF INVENTION<br><b>CHEMICAL COMPOUNDS</b>  |                                       |   |  |
| APPLICANT(S) FOR DO/EO/US<br>Burgess et al.  |                                       |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |                                       |   |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> |                                       |   |  |
| Items 13 to 23 below concern document(s) or information included:  |                                       |   |  |
| <ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV330919435US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>   |                                       |   |  |
| <b>PCT Coverpage</b><br><b>PCT Request</b>   |                                       |   |  |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |              |  |            |  |                   |
|--|--------------|--|------------|--|-------------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/530986</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/US2003/032625</b>              |            | ATTORNEY'S DOCKET NUMBER<br><b>PU4969USW</b> |                   |
| 24. The following fees are submitted:  |              |  |            | <b>Applicant use</b>                         | <b>Office use</b> |
| <input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00   |              |  |            | \$   | \$300.00          |
| <input type="checkbox"/> b) Examination fee ..... \$200.00   |              |  |            | \$   | \$0.00            |
| <input type="checkbox"/> c) Search fee ..... \$500.00  |              |  |            | \$   | \$0.00            |
| <b>TOTAL OF ABOVE CALCULATIONS =</b> \$1000.00   |              |  |            | \$   | \$300.00          |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |              |  |            |  |                   |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) |            | RATE   |                   |
| - 100 =  | /50 =        |  |            | x \$250.00                                   | \$ \$0.00         |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |            | \$   |                   |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE       |  |                   |
| Total claims   | 37           | - 20 = 17  | x \$50.00  | \$   | \$850.00          |
| Independent claims   | 1            | - 3 = 0  | x \$200.00 | \$   | \$0.00            |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>   |              |  |            | + \$360.00                                   | \$ \$0.00         |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |            | \$   | \$1,150.00        |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |            | \$   | \$0.00            |
|  |              |  |            | <b>SUBTOTAL =</b>                            | \$ \$1,150.00     |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |            | \$   | \$0.00            |
|  |              |  |            | <b>TOTAL NATIONAL FEE =</b>                  | \$ \$1,150.00     |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |            | \$   | \$0.00            |
|  |              |  |            | <b>TOTAL FEES ENCLOSED =</b>                 | \$ \$1,150.00     |
|  |              |  |            | Amount to be refunded:                       | \$                |
|  |              |  |            | Amount to be charged:                        | \$                |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.   |              |  |            |  |                   |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>07-1392</u> in the amount of <u>\$1,150.00</u> to cover the above fees. A duplicate copy of this sheet is   |              |  |            |  |                   |
| c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1392</u> . A duplicate copy of this sheet is enclosed.                                |              |  |            |  |                   |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.               |              |  |            |  |                   |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.   |              |  |            |  |                   |
| SEND ALL CORRESPONDENCE TO:  |              |  |            |  |                   |
| <br><b>SIGNATURE</b><br><b>John L. Lemanowicz</b>  |              |  |            |  |                   |
| NAME   |              |  |            |  |                   |
| <u>37,380</u>  |              |  |            |  |                   |
| REGISTRATION NUMBER  |              |  |            |  |                   |
|  |              |  |            |  |                   |

10/530986

JC13 Rec'd PCT/PTO

12 APR 2005  
Docket No.

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Burgess et al.

PU4969USW

|                                      |             |          |              |                |
|--------------------------------------|-------------|----------|--------------|----------------|
| Application No.                      | Filing Date | Examiner | Customer No. | Group Art Unit |
| Invention: <b>CHEMICAL COMPOUNDS</b> |             |          |              |                |

I hereby certify that the following correspondence:

**Transmittal Letter to the DO/EO/US Concerning a filing under 37 U.S.C. 371**

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

4/12/05

(Date)

Allyson K. Jacobs

(Typed or Printed Name of Person Mailing Correspondence)

Allyson K. Jacobs

(Signature of Person Mailing Correspondence)

EV330919435US

Note: Each paper must have its own certificate of mailing.